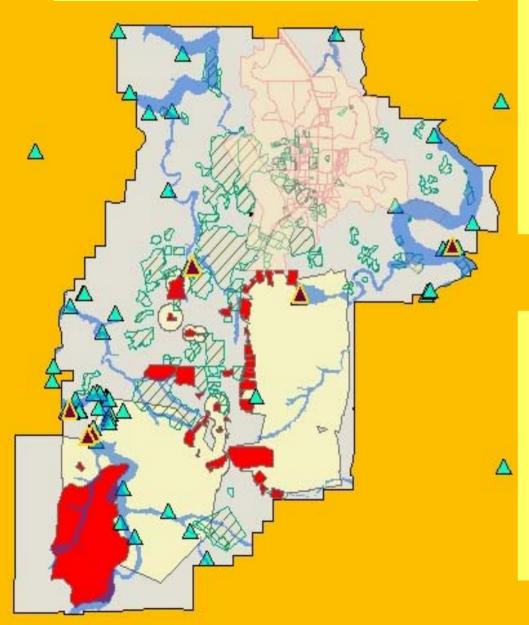


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Report Documentation Page

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MANSCEN & Fort Leonard Wood 61,410 Acres



MANSCEN & FLW MISSONS

Basic Combat Training

Engineer School & Training

Military Police School &

Training

Chemical School & Training

ITRO Heavy Equipment Course

- 63 Caves (Known) △
 - 40 CENR's/ENR's
 - 16 NAGPRA Sites
 - **2 Endangered Species**
 - 6 Caves Sites 🛕
 - 2 Gray Bat (Maternity)
 - 4 Indiana Bat (Hibernacula)

Description and Goals of FLW Project

Identify Caves for Potential Military Training

Survey Caves from Biological & Cultural Standpoint

Establish Cave Management Plan

Protect Significant Biological Systems and Species

Protect Significant Cultural Sites

Coordinate Management Activities with other Federal, State & Tribal Agencies in order to Avoid Potential Compliance Issues





BIOLOGICAL RESOURCE CAVE SURVEY

SURVEY RESULTS

- Invertebrate, Vertebrate and Vascular Plant surveys on 58 Caves Sites
- · Multiple State & County Micro (Invertebrates) Fauna Records
- Multiple County Flora Records
- Over 100 (Invertebrate, Vertebrate) Taxa Recorded on Survey
- 220 Species of Vascular Plants Recorded 50 Taxa Pending
- 9 Plant Community Associations Found in Proximity to Cayes
- · Four Cave Sites Considered Biologically Significant

FEDERAL ENDANGERED SPECIES SURVEY RESULTS

- 58 Cave Surveys Completed
- No New Endangered Species Found
- 1 Potential Gray Bat Site Found

EFFECTS ON FLW TRAINING/MISSON

 None (Potential Site in Close Proximity to Existing Gray Bat Cave)

STATE LISTED SPECIES SURVEY RESULTS

- No New State Species of Concern Found
- 1 New Site Found (Grotto salamander)
- 1 New Site Found (Missouri Cave Amphipod)

ISSUES

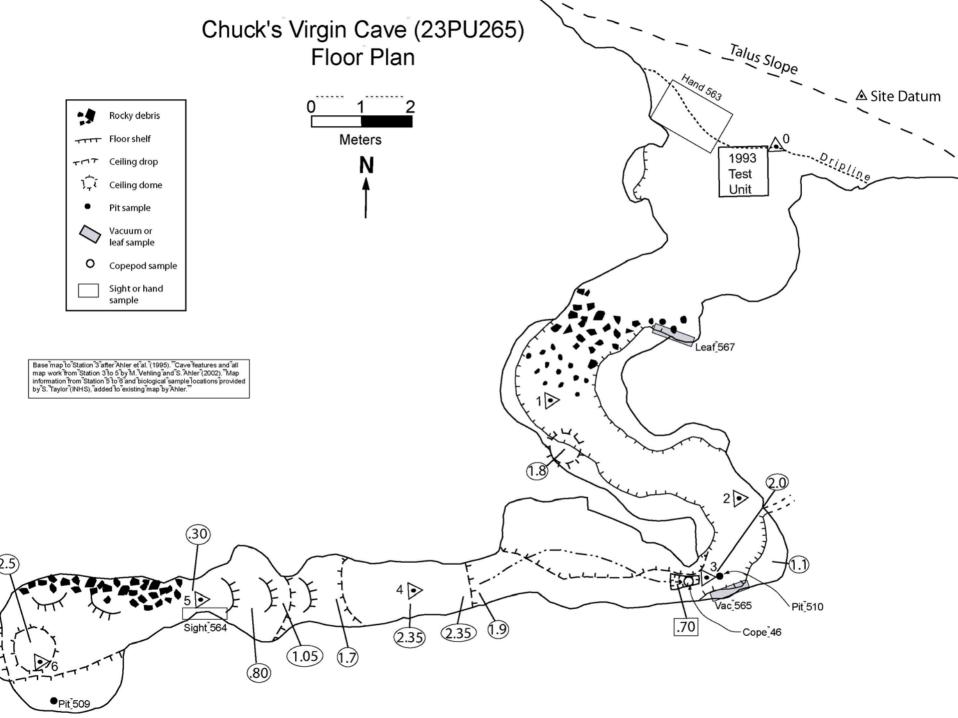
- Invertebrate ID process longer than expected
- Numerous Cave Invertebrate taxa could easily be undescribed to science or have the potential to be new species (not uncommon in cave surveys)













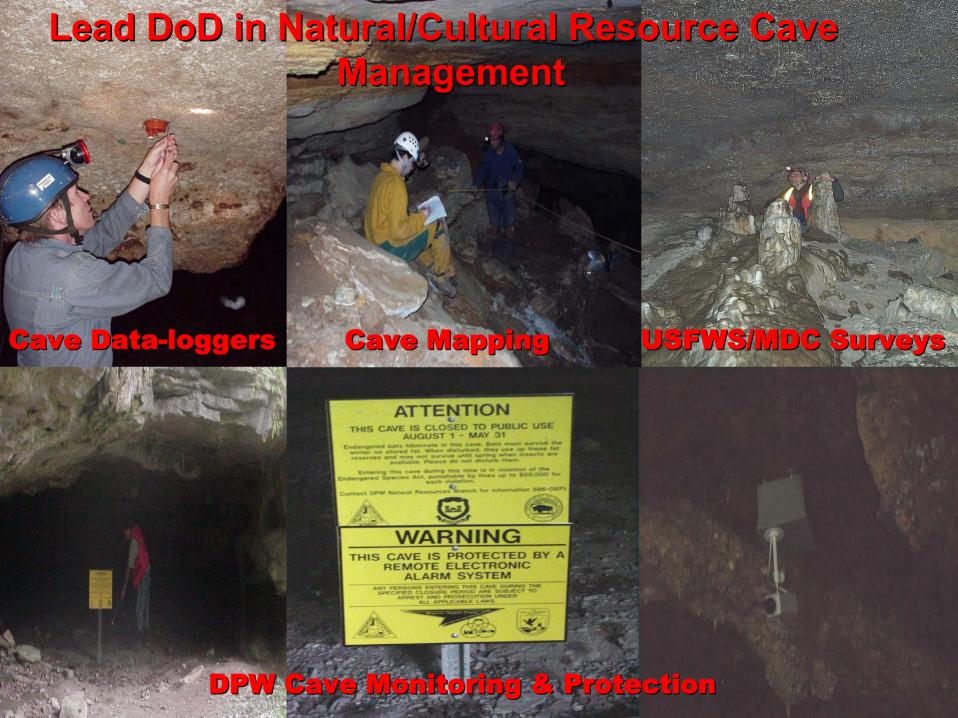














FLW NAGPRA ISSUES & FUTURE

Continue Cave Gating at NAGPRA Sites

On-Going Consultation with Tribal Leaders Including Cultural Affiliation and Repatriation of Human Remains

Visitation by Tribal Leaders to FLW to Review CRMP Activities & Goals



Legacy & FLW Training/Natural/Cultural Resource Cave Management Future Goals

Approved Training Cave Sites Cave Gates at NAGPRA Sites Harden Cave Surfaces

Develop Protocols for Other DoD Installations
Work With USFWS, MDC & Tribal Organizations

Cave Management Plan
Cave Data-loggers
Continue Monitoring

